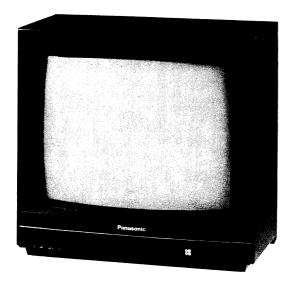
Service Manual

TC-1480EU/EUA

Chassis No. Z3



Specification

Power Source:

220 volts, 50 Hz, AC

Power Consumption: 61 Watt maximum

Aerial Impedance:

75 Ω unbalanced, coaxial type

Receiving Channels: VHF CH2-CH12 S1-3,M1-10,U1-9

UHF CH21-CH69

Intermediate

Frequency:

Video 38.9 MHz

Sound 33.4 MHz

Colour 34.47 MHz

Picture Tube:

A34EAC01X06

(36 cm) measured diagonally

90° deflection Picture Tube

Anode Voltage:

 $23.2kV \pm 1.5kV$

Speaker:

10 cm, 8Ω , Round Type

Sound Output:

3 Watts maximum

Dimensions:

Height: 344 mm

Width: 365 mm Depth: 376 mm

Net Weight:

10.2 kg

Technische Daten

Netzspannung:

220V Wechselspannung, 50 Hz

Leistungaufnahme:

61W bei mittlerer

Bildhelligkeit

Antennenanschluß:

DIN-Buchse, koaxial, 75 ohm

impedanz unsymmetrisch

Empfangskanäle:

VHF CH2-CH12,S1-3,M1-10,

U1-9, UHF CH21-CH69

Zwischenfrequenzez: Bildträger, 38,9 MHz

Tonträger, 33,4 MHz

Farbhilfsträger, 34,47 MHz

Bildröhre:

A34EAC01X06

(36 cm) Schirmdiagonale

90 Ablenkung

Hochspannung:

 $23.2kV \pm 1.5kV$

Lautsprecher:

10 cm, 8Ω , Rund typ

Tonausgangs-

leistung:

3W (Maximalleistung)

Abmessungen:

 $344 \times 365 \times 376 \text{ mm}$

Gewicht:

10.2 kg

IMPORTANT

This receiver uses a HOT chassis, after service please ensure that the chassis is returned to its correct position. Particular care being taken to the position of the customer controls. Failure to do so could endanger customer safety.

WICHTIG

Dieses gerät ist direkt mit dem netz verbunden. Nach erfolgten servicearbeiten ist darauf zu achten, daß das chassis in seiner korrekten position befestigt ist. Es ist besonders darauf zu achten, daß das bedienteil richtig eingebaut ist und nicht mit spannungsführenden teilen in berührung kommt. Fehlerhafter einbau kann zu gefährdungen des benutzers führen.

Panasonic

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SAFETY PRECAUTIONS

GENERAL GUIDE LINES

- 1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
- 2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- 3. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations, are properly installed.
- 4. When the receiver is not to be used for a long period of time, unplug the power cord from the AC outlet.
- 5. Potential, as high as 23.2 kV, is present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube.
- 6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- 1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Turn on the receiver's power switch.
- 3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screwheads, aerials, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $4M\Omega$ and $20M\Omega$. When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

SICHERHEITS-VORKEHRUNGEN

ALLGEMEINE RICHTLINIEN

- Es ist empfehlenswert, einen Trenntransformator in die Stromversorgung zu schalten, bevor Reparaturen an einem Gerät vorgenommen werden, dessen Chassis unter Spannung steht.
- Bei der Durchführung von Servicearbeiten dürfen die ursprünglichen Kabelanschlüsse nicht vertauscht werden, dies gilt insbesondere für die Anschlüsse im Hochspannungsteil. Hat sich ein Kurzschluß ereignet, dann sind alle Teile, an denen Spuren von Überhitzung sichtbar sind, auszuwechseln.
- 3. Nach Beenden der Servicearbeiten ist sicherzustellen, daß alle Sicherheitsvorrichtungen, wie Isolationsstege, Isolationspapiere, Abschirmungen und Isolations - R-C - Glieder wieder richtig eingesetzt sind.
- Wenn der Fernseher während längerer Zeit nicht in Betrieb gesetzt wird, sollte der Netzstecker aus der Netzsteckdose gezogen werden.
- 5. Spannungen von bis zu 23.2 kV sind vorhanden, wenn dieser Fernseher in Betrieb ist. Die Inbetriebnahme des Fernsehers ohne aufgesetzte Rückwand bringt die Gefahr eines elektrischen Schlages von der Fernseher Stromversorgung mit sich. Servicearbeiten sollten daher auch nie durch Personen versucht werden, die nicht in vollem Umfang mit den Sicherheitsvorkehrungen beim Umgang mit Hochspannungsgeräten vertraut sind. Vor der Handhabung mit der Bildröhre ist die Anode der Bildröhre immer an dem Empfängerchassis zu entladen.
- 6. Nach Beenden der Servicearbeiten sind die folgenden Kriechstrom-Prüfungen durchzuführen, um den Kunden vor der Gefahr eines elektrischen Schlages zu schützen.

MESSUNG DES ISOLATIONSWIDERSTANDES IM ABGESCHALTETEN ZUSTAND

- Den Netzstecker aus der Netzsteckdose ziehen und die beiden Steckerstifte kurzschließen.
- 2. Den Geräteschalter des Fernsehgerätes einschalten.
- 3. Mit einem Ohmmeter den Widerstandswert zwischen dem überbrückten Netzkabelstecker und jedem zugänglichen Metallteil am Gehäuse des Fernsehgerätes, wie Schraubenköpfe, Antennen, Achsen der Regler, Griffassungen usw.messen. Wenn ein zugängliches Metallteil eine Rückleitung zum Chassis hat, sollte die Anzeige zwischen $4M\Omega$ und $20M\Omega$ betragen. Wenn ein zugängliches Metallteil keine Rückleitung zum Chassis hat, muß die Anzeige ∞ betragen.

LEAKAGE CURRENT HOT CHECK (See Fig. 1)

- Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
- 2. Connect a 2 k Ω , 10W resistor, in series with an exposed metallic part on the receiver and an earth such as water pipe.
- Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- Check each exposed metallic part, and measure the voltage at each point.
- 5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
- 6. The potential at any point should not exceed 1.4 volts RMS. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

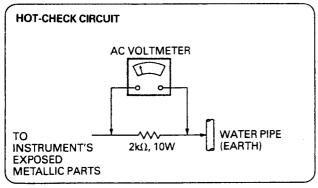


Fig. 1

X-RADIATION WARNING:

- 1. The potential sources of X-Radiation in TV sets are the High Voltage section and the picture tube.
- When using a picture tube test jig for service, ensure that jig is capable of handling 25.0 kV without causing X-Radiation.

NOTE: It is important to use an accurate periodically calibrated high voltage meter.

- 1. Set the brightness to minimum.
- 2. Set the service switch to the SERVICE position.
- 3. Measure the High Voltage. The meter reading should indicate 23.2 kV ± 1.5 kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
- 4. To prevent an X-Radiation possibility, it is essential to use the specified tube.

MESSUNG DES KRIECHSTROMS IM EINGE-SCHALTETEN ZUSTAND (Siehe Abb. 1)

- Den Netzstecker direkt in eine Netzsteckdose stecken. Für diese Messung keinen Trenntransformator verwenden.
- 2. Einen 2 k Ω /10 W Widerstand in Serie mit einem von außen zugänglichen Metallteil am Fernsehgerät und einer guten, Erdung z.B. Wasserleitung, anschließen.
- Ein Wechselstrom-Voltmeter mit einmen Meßbereich von 1000 Ohm/Volt oder größer verwenden, um die Spannung über den Widerstand zu messen.
- 4. Jedes zugänglich Metallteil prüten, und an jedem Punkt die Spannung messen.
- 5. Den Netzstecker umgekehrt in die Steckdose stecken und jede der obigen Messungen wiederholen.
- 6. Die Spannung darf an keinem der Punkte 1.4V eff. überschreiten. Wird dieser Wert nicht eingehalten, besteht die Gefahr eines elektrischen Schlages, und das Fernsehgerät sollte daher repariert und nachgeprüft werden, bevor es an den Kunden zurückgegeben wird.

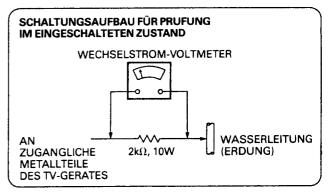


Abb. 1

RÖNTGENSTRAHLUNG

ACHTUNG:

- 1. Potentielle Quellen von Roentgenstrahlung in Fernsehgeräten sind das Hochspannungsteil und die Bildröhre.
- 2. Bei Verwendung eines Bildröhren-Prüfgerätes für den Service ist sicherzustellen, daß es für die Belastung von 25.0 kV geeignet ist, ohne daß eine Röntgenstrahlung verursacht wird.

ANMERKUNG: Es ist wichtig, daß ein präzises, regelmäßig geprüftes Voltmeter verwendet wird.

- 1. Helligkeit auf Minimum stellen.
- Den Service-Schalter in die "SERVICE"-Position stellen.
- 3. Die Hochspannung messen. Die Anzeige des Instrumentes sollite 23.2 kV ± 1.5, betragen. Falls die Anzeige diese Toleranzgrenzen überschreitet, ist sofortige die Behebung nötig, um die Möglichkeit vorzeitigen Komponentenausfalls zu verhüten.
- Um die Möglichkeit von Röntgenstrahlung zu begrenzen, ist es wichtig, daß nur die vorgeschriebene Bildröhre verwendet wird.

SHUT DOWN CIRCUIT TEST

This test must be made as a final check before the set is returned to the customer.

- 1. With the rear cover removed, supply nominal 220 V AC to the set, turn on the power switch.
- 2. Receive a Philips pattern.
- 3. Supply 40 V DC to TPE40, and confirm that the shut down circuit does not operate.
- 4. Supply 60 V DC to TPE40, and confirm that the shut down circuit operates.

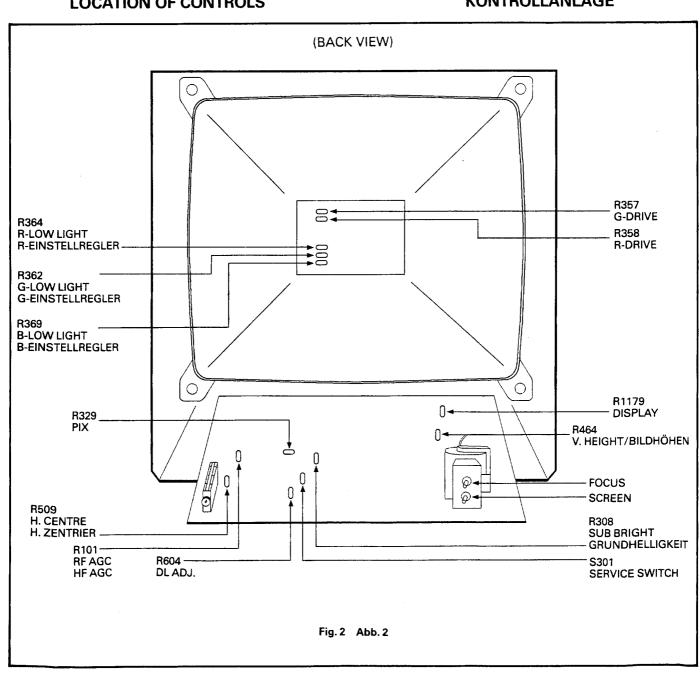
TEST KURZSCHLUSS-SICHERHEITSSCHALTUNG

Dieser Test muß als letzte Prüfung vor der Rückgabe des Gerätes an den Kunden durchgeührt werden.

- 1. Bei abgenommener Rückwand ist dem Gerät 220 V zuzuführen, Nennspannung und Geräteschalter einzuschalten.
 - 2. Ein Philips-Muster empfangen.
- 3. Gleichspannung von 40 V an TPE40 einspeisen sicherstellen, daß die Kurzschluß-Sicherheitsschaltung nicht anspricht.
- 4. Gleichspannung von 60 V an TPE40 einspeisen und sich vergewissern, daß die Kurzschluß-Sicherheitsschaltung jetzt anspricht.

LOCATION OF CONTROLS

KONTROLLANLAGE



SERVICE HINTS

Removal of E-Board

Note:

If the following procedure is not carried out, damage may occur to E-Board when attempting removal.

- 1. Using a small screwdriver release the Pcb retaining clip (A) as shown in fig. 3 and 4.
- 2. To remove the Pcb from the cabinet, lift the Pcb and pull backwards see fig. 5.

WARTUNGSHINWEISE

Ausbau der E-Platine hinweis

Die folgenden hinweis unbedingt beachten, um beschädigungen dere-platine zu vermeiden.

- 1. Mit einem schmalen schraubendreher den platinenhalter (A) nach oben drücken, wie in Abb. 3 und 4 gezeigt.
- 2. Die platine anheben und aus dem gehäuse herausziehen, wie in Abb. 5 gezeigt.



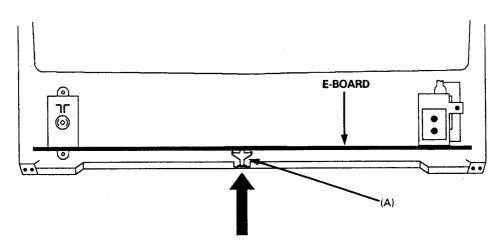


Fig. 3 Abb. 3

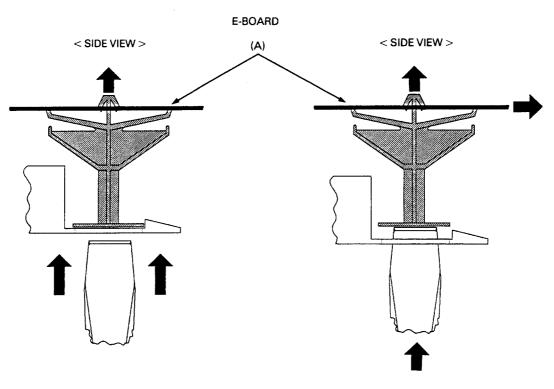


Fig. 4 Abb. 4

Fig. 5 Abb. 5

ADJUSTMENTS

ITEM/PREPARATION	ADJUSTMENT PROCEDURE
B VOLTAGE	
1. Operate the TV set. 2. Set controls: Bright (R318) minimum Sub Bright (R308) minimum	1. Confirm the indicated test points for the specified voltage. TPE1: $104 \pm 1.5 \text{V}$ TPE10: $148 \pm 10 \text{V}$ TPE2: $5 \pm 0.5 \text{V}$ TPE11: $-33 \pm 2 \text{V}$ TPE4: $15.3 \pm 1 \text{V}$ TPE12: $26 \pm 2 \text{V}$ TPE5: $12.0 \pm 1 \text{V}$ TPE49: $9 \pm 1 \text{V}$
AFC	
 Operate the TV set. Set Preset switch (S1128) to "NOR". Earth TPE3. Connect a DVM to TPE27. 	 Apply 38.9 MHz continuous wave to TP of Tuner (0.5 Vp-p/75Ω). Adjust L105 so that voltage at TPE27 becomes 4.5 ± 0.1 V. Change the frequency and confirm the voltage as shown below. + 100 kHz: less than 2.0 V - 100 kHz more than 7.5 V Remove earth link from TPE3.
RFAGC	
 Receive the Philips pattern. Set the input level to 66 ± 2 dB (75Ω open). Connect an oscilloscope to TPE28. 	1. Turn RF AGC control (R101) fully counterclockwise. 2. Slowly turn RF AGC control clockwise to set it at the point just before voltage at TPE28 drops.
CONTRAST/COLOUR 1. Receive the Philips pattern. 2. Set controls:	1. Connect an oscilloscope to TPE26 and confirm the amplitude of waveform is 1.9 Vp-p \pm 0.5 V.
Contrastmaximum Brightminimum Colourminimum	 2. Set Colour control to maximum. 3. Connect oscilloscope to the following test points and confirm the voltage at end test point. TPE15: 3.0 ± 0.3 Vp-p
HIGH VOLTAGE	
 Receive a crosshatch pattern. Set Contrast, Bright and Sub Bright controls to their minimum positions (Zero beam current) 	1. Connect a high voltage meter (Electro-static type) to an anode of the picture tube. 2. Confirm that the high voltage is within a range of 22.2 \pm 1.5 kV.

ITEM/PREPARATION	ADJUSTMENT PROCEDURE	WAVEFORM
DELAY LINE 1. Receive a colour bar pattern. 2. Connect an oscilloscope to TPE15. 3. Set controls: Contrastmaximum Colourcentre	Adjust DL Adj. (R604) and DL Matching Trans (L602) to obtain waveform at TPE15 as shown in Fig 6.	Minimize the differences (by L602) Adjust this level to zero (by R604) Fig. 6

ABGLEICHPUNKTE UND VORBEREITUNG	JUSTIERUNG
VERSORGUNGSSPANNUNG B	
TV einschalten. Die Regler wie folgt einstellen: Helligkeit (R318)minimum Grundhelligkeit (R308) .minimum	1. Die Messungen an den Testpunkten sollen folgende Betriebsspannungen ergeben. TPE1: 104 ± 1.5 V TPE10: 148 ± 10 V TPE2: 5 ± 0.5 V TPE11: -33 ± 2 V TPE4: 15.3 ± 1 V TPE12: 26 ± 2 V TPE5: 12.0 ± 1 V TPE49: 9 ± 1 V
AFC	
1. TV einschalten.	1. Meßsender auf 38,9 MHz einstellen und an den Tuner-Testpunkt anschließen.
2. Kanal im UHF-Bereich wählen.	2. Spule L105 so abgleichen, daß die Gleichspannung am TPE27 4,5 V \pm 0,1 V beträgt.
TPE3 auf Masse klemmen. DVM an TPE27 anschließen.	3. Die Frequenz ändern, und die Spannung wie folgt kontrollieren: + 100 kHz: Kleiner als 2.0V - 100 kHz: Größer als 7.5V
RF AGC	
Fubk-Sendertestbilde empfargen.	Der Regler RF AGC (R101) ist auf Rechtsanschlag zu stellen.
2. Das Eingangssignal soll mit 66 dB \pm 2 dB (75 $\!\Omega$ eingespeist werden).	Den Regler R101 so einstellen, daß er kurz vor dem Punkt steht, an dem der Messwert an TPE28 absinkt.
3. Oszilloskop an TPE28 in DC-Funktion anklemmen.	
KONTRAST/FARBSÄTTIGUNG	
1. FUBK-Testbild empfangen.	1. Mit einem Oszillographen an TPE26 überprüfen, ob die Große des Signals 1.9
2. Regler wie folgt einstellen: Kontrastmaximum Helligkeitminimum Farbsättigungminimum	 Vss ± 0.5 V beträgt. 2. Farbsättigung auf Maximum stellen und TPE6 mit Masse verbinden. 3. Überprüfen sie an den folgenden Testpunkten die angegebene Signalgrösse. TPE15: 3.0 Vss ± 0.3 V
ÜBERPRÜFUNG DER HOCHSPANNUNG	
Gittermustertestbild empfangen.	Hochspannungsmessgerät an die Anode der Bildröhre anschliessen.
2. Drehen sie folgende Regler auf Minimum: Kontrast, Helligkeit, Grundhelligkeit (Sub-Br); Strahstrom =0.	2. Überprüfen sie, ob die Hochspannung im Bereich von 22.2 kV ± 1.5 kV ist.

· 大学 (1985年) - 1985年 (1985年)

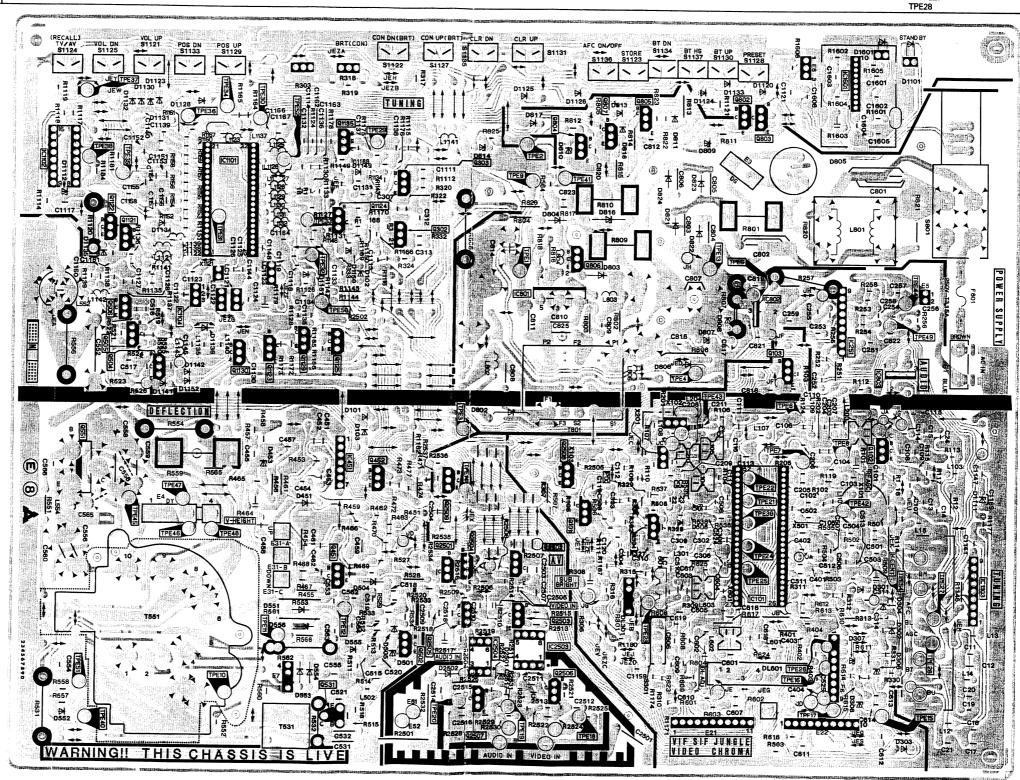
ABGLEICHPUNKTE UND VORBEREITUNG	JUSTIERUNG	SIGNALFORM
PAL-VERZÖGERUNGSLEITUNG 1. Empfang eines PAL - Farbbalken - Testbildes. 2. Oszilloskop an Testpunkt TPE15. 3. Die Regler wie folgt einstellen: Kontrast	1. Einstellungen mit den Reglern DL Adj. (R604) und der Spule DL Matching Trans. (L602) so vornehmen, daß die Signalform, an Testpunkt TPE15 erreicht wird, wie Abb. 6 dargestellt.	Minimum der differenzen (mit L602) Impuls auf nullinie bringen mit (R604)

7

CONDUCTOR VIEW E-BOARD TNP197026AC

ANSICHT DER LEITERBAHNEN PLATINE E TNP197026AC

											PLATINE E TIMP 19/0	ZOAL		
I.C.'s	IC1102	IC1101		IC	451			IC801 C2504	2503		IC802 IC101	IC1601 IC251	IC803	IC1103
TRANSISTORS	Q1121 Q1122 Q506 Q505 Q504 Q551		Q1130 Q1123 Q1	129 0	01135 01124 0452 01125 0451 0531		Q302 Q303 Q2507 Q2501 2505	Q Q250	02 Q101 02508 2506	06 Q805 Q807 Q304	Q803 Q103 Q802	Q1	02	
DIODES	D1135 D552 D1112	D1134 D1136 D1131 D1142 D1123 D1152 D1130 D1128 D1141 D1132	D556 D453 D551	D553 D554 D1151	D504 D101 D1149 D102 D103 D555 D1150	D501 D505	D814 D802 D2502	D817 D1125 D2501	D810 D1126	D813 D818 D803	D811 D809 D1120 D823 D1133 D821 D1124 D822 D806 D506 D824	D307 D308 D805	D1101 D304 D302 D306 D303 D301	D1111
TEST POINTS	TPE35 TPE37 TPE38 TPE40	TPE10 TPE34 TPE31 TPE36	TPE11 TPE52	TPE50 TPE12	TPE29		TPE3 TPE14	TPE2 TPE1 TPE19	TPE41	TPE23	TPE4 TPE13 TPE22 TPE16 TPE43 TPE39 TPE17 TPE24 TPE26 TPE25 TPE6	TPE8	TPE44 TPE49 TPE15 TPE54 TPE27 TPE28	



TC-1480EU/EUA

SCHEMATIC DIAGRAM FOR MODEL TC-1480EU/EUA (Z-3 CHASSIS)

ZEICHENERKLÄRUNG FÜR MODELL TC-1480EU/EUA (Z-3 CHASSIS)

Components identified by mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Wichtiger Sicherheitsinweis

Teile, die mit einen Hinweis / gekennzeichnet sind, sind wichtig für die Sicherheit. Sollte ein Auswechsein erforderlich sein, sind unbedingt Originalteile einzusetzen.

NOTES:

1. RESISTOR

All Resistors are carbon 1/4W resistor, unless marked as follows:

Unit of resistance is OHM (Ω) (K = 1,000, M = 1,000,000).

O : Nonflammable \triangle : Solid

: Metal Oxide: Metal Film: Fuse

☐ : Wire Wound

2. CAPACITOR

All capacitors are ceramic 50V capacitor, unless marked as follows:

Unit of capacitance is μF , unless otherwise noted.

(X): Temperature Compensation

(M): Polvester

↑#¯ : Electrolytic in №# : Bipolar ① : Dipped Tantalum

3. COI

Unit of inductance is μ H, unless otherwise noted.

4. Marked "Û" on the schematic diagram shows lead-less parts.

5. TEST POINT

: Test Point position.

6. VOLTAGE MEASUREMENT

7. This schematic diagram is the latest at the time of printing and subject to change without notice.

REMARKS:

1. Care must be taken when servicing this receiver, as it uses a HOT chassis.

Precautions

a. Make sure to disconnect the power plug before removing the chassis.

ANMERKUNG:

1. WIDERSTÄNDE

Alle 1/4 Watt Widerstände sind Kohlewiderstände, Abweichungen sind wie folgt gekennzeichnet:

Die Maßeinheit ist OHM (0) (K = 1.000, M =

Die Maßeinheit ist OHM (Ω) (K = 1,000, M = 1,000,000).

O : nicht brennbar

△ : Lastwiderstand

□ : Metall Oxyd

□ : Metall Film

□ : Sicherung

2: KONDENSATOREN

Alle Kondensatoren sind Keramikausfürungen. Spannungsfestigkeit 50V, Abweichungen sind wie folgt gekennzeichnet.

Die Maßeinheit ist μ F, wenn keine anderen Bezeichnungen genannt sind.

★ : Temperatur
 Kompensation
 M : Polyester
 †# : Elektrolyt
 Bipolar
 Tantal

3. SPULEN

Die Maßeinheit ist μ H, Abweichungen sind gekennzeichnet.

4. Mit "Û" gekennzeichnete Teile sinde ohne Anschlußdrähte.

5. TESTPUNKTE

• : Kennzeichnung der Testpunktposition.

6. SPANNUNGSMESSUNG

Spannungsmessungen sind mit einem DC-Voltmeter durchzuführen.

Die Meßbedingungen sind folgende:
Netzspannung220 V / 50Hz
Wiedergabe SignalFarbbalken-Testbild
Alle übrigen Einstellungen

für BenutzerSollangaben

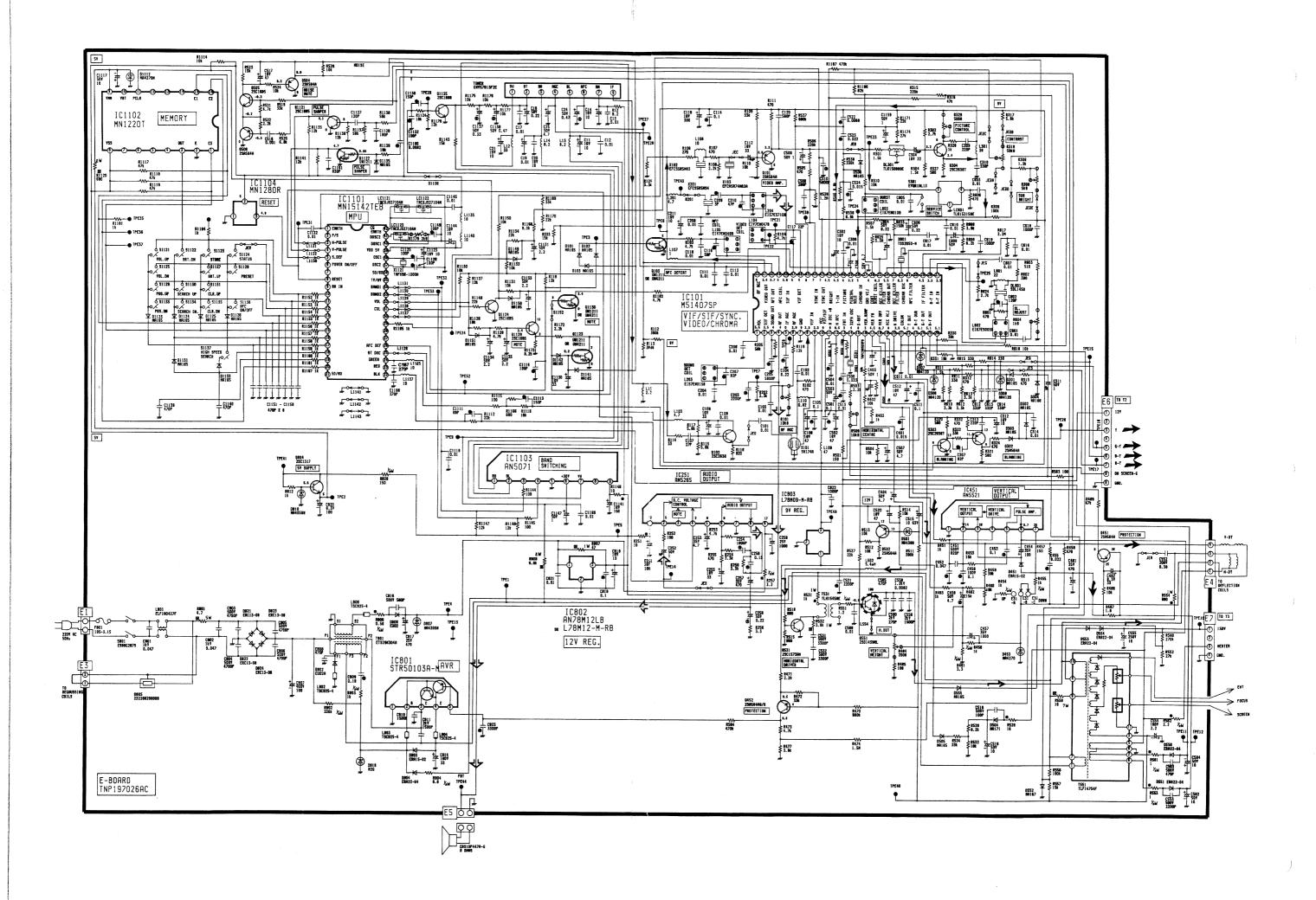
Anderungen im Laufe der Fertigung sind möglich.

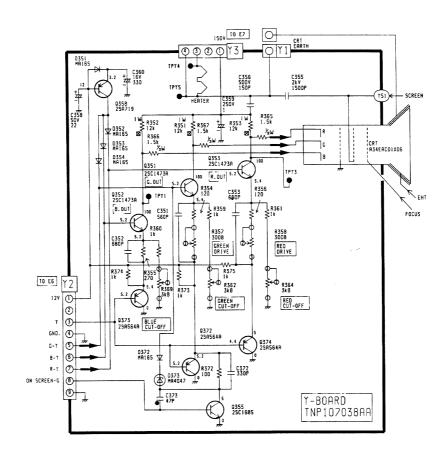
ACHTUNG:

1. Bei servicearbeiten ist besonders darauf zu achten, daß dieses gerät nicht über eine netztrennung verfügt.

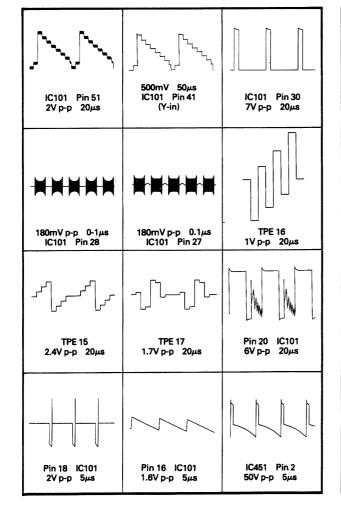
2. Vorsichtsmassnahmen

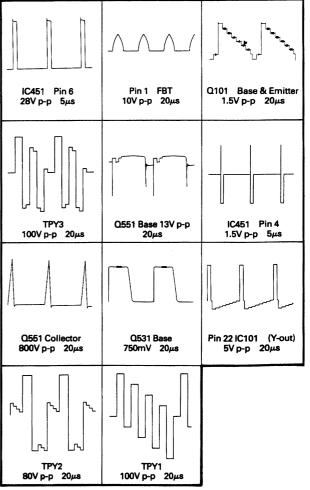
Vor dem entfernen der rückwand und herausnahme des chassis netzstecker ziehen.





WAVEFORMS SIGNAL TABELLE



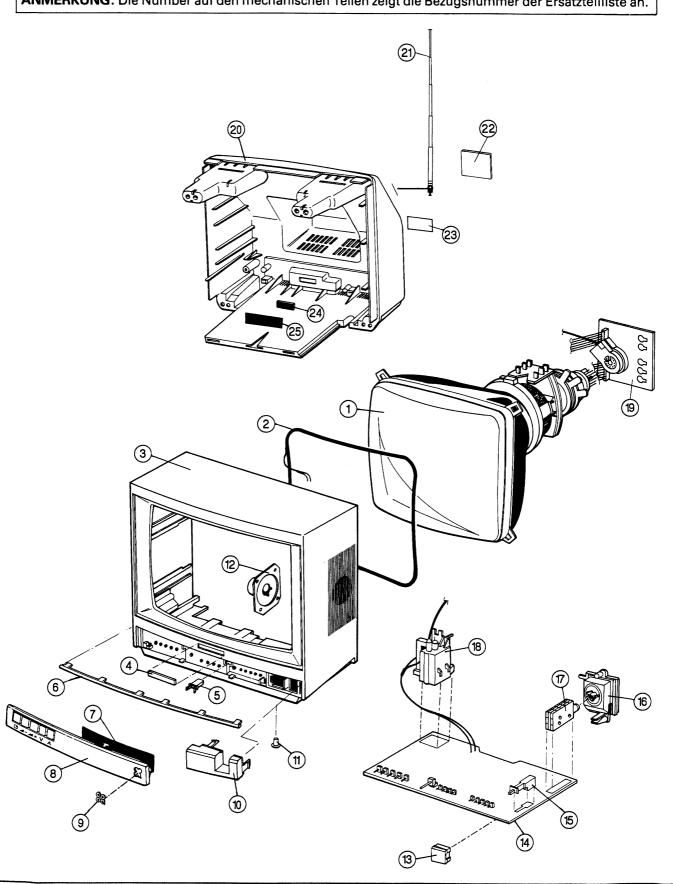


PARTS LOCATION

NOTE: The number on mechanical parts indicates Ref. No. of Replacement Parts List.

EXPLOSIONSZEICHNUNG

ANMERKUNG: Die Number auf den mechanischen Teilen zeigt die Bezugsnummer der Ersatzteilliste an.



REPLACEMENTS PARTS LIST

Important Safety Notice

Components identified by !\ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Ref No. Part No. Description MISCELLANEOUS COMPONENTS A A34EAC01X06 A TLK8E05109 CRT degaussing coil 21 TKY180700 3) cabinet ٨ Panasonic badge 4) TBM173003 5) TEK17918 lid switch TKR27680 ornament strip 6) preset label TBM1 20635-1 7) TKP1810504 8) TBM17461 Q badge TKP1810392 TBL171404 10) plastic panel 11) set feet EAS1 0P447 A-G speaker 12) power button E P.C.B. 13) TBX1888300 TNP197026AC ESB99267S TJB1722404 A ENV57813F2C 15) S801 switch Ant terminal 16) tuner T551 TLF14754F transformer TNP107308AB Y P.C.B. back cover 19) TKU526900 20) Δ TSA110004 21) antenna 22) TBM1 20660 back cover label TKK179689 blind sheet plastic spacer large blind sheet 24) TKK8F002 TKK8E001 25) A.C. cord instruction book **∆** TSX5115 TQB8E0393 outer carton fuse holder TPC1814904 520-001 ∆ 195-3.15 3.15A fuse F801 TLK150880E coil DL301 delay line S.A.W. filter 5.5Mhz filter DL601 SDL145D SW174A X101 EFCS5R5MW3 X102 EFCA5R74MB3A X103 X201 EFCS5R5MS4 5.5MHz sound filter TAFCSB503F6 X501 crystal TSS2050-M crystal X601 TAFKBR-1000H X1121 crystal EVQR1 AL13 EVQQBH12T S301 switch \$1121 switch EVQQBH12T S1122 switch switch \$1123 EVQQBH12G EVQQBH12T switch S1125 EVOORH12T switch S1127 EVQQBH12T switch EVQQBH12G \$1128 switch EVQQBH12T switch EVOORH12G S1130 switch EVQQBH12T switch S1131 \$1133 EVQQBH12T switch S1134 EVQQBH12G switch EVOORH12T S1135 switch EVQQBH12T S1136 switch. EVQQBH12G RESISTORS ∆ ERQ14AJ8R2P $8.20 \pm 5\%$ R12 fusable 10k ΩB EVND4 AA00B1 4 control R101 ± 5% 14W ERDS2TJ471 470Ω R102 carbon ± 5% ± 5% ± 5% R103 ERDS2TJ472 carbon 4k7n 14W carbon ٧W 4k70 R104 ERDS2TJ472 270Ω %₩ ERDS2TJ271 ERDS2TJ471 R106 carbon 4W 4W 470Ω ± 5% R107 carbon ERDS2TJ222 2k2n ± 5% R108 ± 5% ٧W R109 ERDS2TJ333 carbon 33k Ω 5% ٧W 10ka ERDS2TJ103 ERDS2TJ471 carbon R110 470Ω ± 5% 14W 14W carbon R111 ERDS2TJ394T 390k Ω ± 5% carbon R112 %W ± 5% ± 5% ERDS2TJ394T carbon 390k n R113 33n ٧W R114 ERDS2TJ330 carbon 5% ٧W 5k6n R115 FRDS2TJ562 carbon ± 5% 820n ¼W ERDS2TJ821 carbon R116 ٧W ± 5% ERDS2TJ562 carbon 5k6Ω ERDS2TJ123 carbon 12k Ω

ERSATZTEILLISTE

Wichtiger Sicherheitsinwels,

Teile, die mit einen Hinweis / gekennzeichnet sind, sind wichtig für die Sicherheit. Sollte ein Auswechsein erforderlich sein, sind unbedingt Originalteile einzusetzen.

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Ref No.	Part No.	Description	
R119	ERDS2TJ123	carbon	12kΩ ± 5% %W
R1 24	ERDS2TJ332	carbon	3k3n ± 5% %W
R202	ERDS2TJ332	carbon	3k3Ω ± 5% ¼W
R205	ERDS2TJ563	carbon	56kΩ ± 5% ¼W
R251	∆ ERQ14AJ1001		10Ω ± 5% ¼W 100Ω ± 5% ¼W
R252 R253	ERDS2TJ101 ERDS2TJ472	carbon carbon	100Ω ± 5% ¼W 4k7Ω ± 5% ¼W
R254	ERDS2TJ332	carbon	3k3n ± 5% ¼W
R255	ERDS2TJ471	carbon	470Ω ± 5% ¼W
R256	ERDS2TJ3R3	carbon	3.3n ± 5% %W
R257	∆ ERDS1 TJ3R3	fusable	3.3n ± 5% 1W 3k3n ± 5% 4W
R258 R301	ERDS2TJ332 ERDS2TJ152	carbon carbon	3k3Ω ± 5% ¼W 1k5Ω ± 5% ¼W
R302	ERDS2TJ272	carbon	2k70 ± 5% 4W
R304	ERDS2TJ152	carbon	1k5Ω ± 5% ¼W
R306	ERDS2TJ122	carbon	1k2n ± 5% ¼W
R308	EVND4AA00B		5k ΩB
R309	ERDS2TJ104	carbon	100kΩ ± 5% %W 10kΩ ± 5% %W
R310 R311	ERDS2TJ103 ERDS2TJ152	carbon carbon	1k5Ω ± 5% %W
R312	ERDS2TJ471	carbon	470Ω ± 5% ¼W
R313	ERDS2TJ471	carbon	470Ω ± 5% ¼W
R315	ERDS2TJ224	carbon	220kn ± 5% ¼W
R316	ERDS2TJ563	carbon	56kΩ ± 5% ¼W 5k6Ω ± 5% ¼W
R317 R318	ERDS2TJ562 EVUEŽAM30B	carbon 54 control	50kΩB ± 576 /4W
R320	ERDS2TJ561	carbon	560Ω ± 5% %W
R321	ERDS2TJ561	carbon	560α ± 5% %W
R322	ERDS2TJ333	carbon	33kn ± 5% W
R324	ERDS2TJ471 ERDS2TJ561	carbon carbon	470 \(\pm \) \(
R327 R328	ERDS2TJ102	carbon	1kΩ ± 5% ¼W
R329	EVND4AA00B		500 nB
R330	ERDS2TJ393	carbon	39kΩ ± 5% ¼W
R331	ERDS2TJ183	carbon	18kn ± 5% W
R332	ERDS2TJ471	carbon	470 Ω ± 5% ¼W 15kΩ ± 5% ¼W
R333 R351	ERDS2TJ153 ERG1SJ123H	carbon metal oxide	15kΩ ± 5% ¼W 12KΩ ± 5% 1W
R352	ERGI SJ1 23H	metal oxide	12KΩ ± 5% 1W
R353	ERGI SJ1 23H	metal oxide	12KΩ ± 5% 1W
R354	ERDS2TJ121	carbon	120n ± 5% WW
R355	ERDS2TJ271	carbon	270 n ± 5% %W 120 n ± 5% %W
R356 R357	ERDS2TJ121 EVN65AA00B	carbon 32 control	120n ± 5% %W 300nB
R358	EVN65AA00B		300 nB
R359	ERDS2TJ102	carbon	1kΩ ± 5% ¼W
R360	ERDS2TJ102	carbon	1ka ± 5% W
R361	ERDS2TJ102	carbon	1kn ± 5% W
R362 R364	EVN65AA00B: EVN65AA00B		3k Ω 3k Ω
R365	ERDS1 TJ1 52	carbon	1k5Ω ± 5% %W
R366	ERDS1 TJ1 52	carbon	1k5Ω ± 5% %W
R367	ERDS1 TJ152	carbon	1k5Ω ± 5% %W
R369	EVN65AA00B: ERDS2TJ101	33 control carbon	3kΩ 100Ω ± 5% ¾W
R372	ERDS2TJ101	carbon	1kn ± 5% W
R374	ERDS2TJ102	carbon	1kΩ ± 5% ¼W
R375	ERDS2TJ102	carbon	1kΩ ± 5% %W
R401	ERD25TJ563	carbon	56kn ± 5% 4W 10kn ± 5% 4W 1kn ± 5% 4W 10kn ± 5% 4W
R402	ERDS2TJ103	carbon	10ka ± 5% %W 1ka ± 5% %W
R403 R404	ERDS2TJ102 ERDS2TJ103	carbon carbon	1 kΩ ± 5% ¼W 10kΩ ± 5% ¼W
R451	ERDS2TJ102	carbon	
R453	ERDS2TJ153	carbon	15kΩ ± 5% ¼W
R454	ERDS1 TJ1 02	carbon	1ka ± 5% wW 15ka ± 5% wW 1ka ± 5% wW 1ka ± 5% wW 1ka ± 5% wW 150a ± 5% wW 470a ± 5% wW
R455 R456	ERDS1 TJ1 02 ERDS1 TJ1 02	carbon carbon	1ka ± 5% %W 1ka ± 5% %W
R456	ERDS113102 ERDS2TJ151	carbon	150Ω ± 5% W
R458	ERDS2TJ471	carbon	470 n ± 5% W
R459	ERDS2TJ393	carbon	39ka ± 5% ¼W
R461	ERDS1 TJ3R3	carbon	3.30 ± 5% %W 15k0 ± 5% %W
R462 R463	ERDS2TJ153 ERDS2TJ102	carbon carbon	15kΩ ± 5% ¼W 1kΩ ± 5% ¼W
R464	EVND4AA00B		200 nB
R465	ERDS2TJ101	carbon	100Ω ± 5% ¼W
R466	ERDS2TJ183	carbon	18kn ± 5% W
R467	ERDS2TJ1R8 ERDS2TJ103	carbon	1.80 ± 5% 4W 10k0 ± 5% 4W
R468 R469	ERDS2TJ473	carbon carbon	10kΩ ± 5% ¼W 47kΩ ± 5% ¼W
	2552.15715	J. 2011	<u></u>

R470	Ref No.	Part No.	Description		
R472	R470	ERDS2TJ684	carbon		¼W
R473					
R476 ERDS2TJ152 carbon 1850 ± 5%					
R477					
R501					
R503	R501	ERDS2TJ151	carbon	150α ± 5%	¼W
R504					
R506				10kΩ ± 5%	
R509					
B511					
R512				1 0k ΩB	
R513					
### ### ### ### ### ### ### ### ### ##		ERDS2TJ103	carbon	10kΩ ± 5%	¼W
R518					
R520	R518	ERDS2TJ681	carbon	680a ± 5%	%W
R521					
R523				$4k7\Omega \pm 5\%$	
R524					
R526	R524			10kΩ ± 5%	
R528		ERDS2TJ103		10kΩ ± 5%	¼₩
R529					
R532	R529	ERDS2TJ822	carbon	8k2Ω ± 5%	%W
R533					
R535	R533	ERDS2TJ183	carbon	18kΩ ± 5%	¼₩
R536					
R538					
R539					
R551					
R552					
R553				$27k\Omega \pm 5\%$	
R557 ERDS2TJ153 Carbon 15kn ± 5% WW R558 ERDS2TJ184 Carbon 180kn ± 5% WW R560 ERDS2TJ274 Carbon 270kn ± 5% WW R560 ERDS2TJ274 Carbon 270kn ± 5% WW R561 MERQ12HK1R0P fusable 1n ± 5% WW R562 MERQ12HK1R0P fusable 2.2n ± 5% WW R563 ERDS2TJ101 Carbon 100n ± 5% WW R564 ERDS2TJ474 Carbon 470kn ± 5% WW R601 ERDS2TJ391 Carbon 390n ± 5% WW R602 ERDS2TJ391 Carbon 390n ± 5% WW R603 ERDS2TJ311 Carbon 510n ± 5% WW R603 ERDS2TJ311 Carbon 510n ± 5% WW R606 ERDS2TJ31 Carbon 470n ± 5% WW R608 ERDS2TJ322 Carbon 8k2n ± 5% WW R609 ERDS2TJ332 Carbon 3k3n ± 5% WW R610 ERDS2TJ332 Carbon 3k3n ± 5% WW R611 ERDS2TJ331 Carbon 3k3n ± 5% WW R612 ERDS2TJ332 Carbon 3k3n ± 5% WW R613 ERDS2TJ331 Carbon 3k3n ± 5% WW R614 ERDS2TJ331 Carbon 3k3n ± 5% WW R615 ERDS2TJ331 Carbon 3k3n ± 5% WW R616 ERDS2TJ331 Carbon 3k3n ± 5% WW R617 ERDS2TJ331 Carbon 3k3n ± 5% WW R618 ERDS2TJ331 Carbon 3k3n ± 5% WW R619 ERDS2TJ331 Carbon 3k3n ± 5% WW R616 ERDS2TJ331 Carbon 3k3n ± 5% WW R617 ERDS2TJ331 Carbon 3k3n ± 5% WW R618 ERDS2TJ331 Carbon 3k3n ± 5% WW R619 ERDS2TJ334 Carbon 3k3n ± 5% WW R619 ERDS2TJ103 Carbon 10kn ± 5% WW R624 ERDS2TJ103 Carbon 10kn ± 5% WW R625 ERDS2TJ334 Carbon 3k3n ± 5% WW R626 ERDS1TJ134 Carbon 150kn ± 5% WW R626 ERDS1TJ134 Carbon 150kn ± 5% WW R626 ERDS1TJ135 Carbon 150kn ± 5% WW R626 ERDS1TJ103 Carbon 16kn ± 5% WW R626 ERDS1TJ103 Carbon 16kn ± 5% WW R626 ERDS1TJ133 Carbon 16kn ± 5% WW R626 ERDS1TJ103 Carbon 16kn ± 5% WW R626 ERDS1TJ103 Carbon 16kn ± 5% WW R626 ERDS1TJ133 Carbon 16kn ± 5% WW R626 ERD	R553	∆ ERQ12HJ1R0P	fusable	1α ± 5%	%₩
R558					
R560	R558	ERDS2TJ184	carbon	180kΩ ± 5%	WW.
R561					
R563	R561	A ERQ1 2HK1 ROP		1Ω ± 5%	'n₩
R564 ERDS2TJ474 carbon 470kn ± 5%					
R602				470kΩ ± 5%	
R603					
R604					
R608 ERDS2TJ822 carbon 8k2n ± 5% ₩W R609 ERDS2TJ392 carbon 3k9n ± 5% ₩W R610 ERDS2TJ332 carbon 3k3n ± 5% ₩W R611 ERDS2TJ331 carbon 3k3n ± 5% ₩W R612 ERDS2TJ332 carbon 3k3n ± 5% ₩W R613 ERDS2TJ331 carbon 3k3n ± 5% ₩W R614 ERDS2TJ331 carbon 330n ± 5% ₩W R615 ERDS2TJ331 carbon 330n ± 5% ₩W R616 ERDS2TJ103 carbon 10kn ± 5% ₩W R617 ERDS2TJ225 carbon 12kn ± 5% ₩W R623 ERDS2TJ154 carbon 15okn ± 5% ₩W R624 ERDS2TJ335 carbon 3.3Mn ± 5% ₩W R801 ÆFF5ZK4R7 wirewound 4.7n ± 10% ₩W <td>R604</td> <td>EVND4AA00B13</td> <td>3 control</td> <td>1 k ΩB</td> <td></td>	R604	EVND4AA00B13	3 control	1 k ΩB	
R609 ERDS2TJ392 carbon 3k9n ± 5% ₩W R610 ERDS2TJ332 carbon 3k3n ± 5% ₩W R611 ERDS2TJ331 carbon 330n ± 5% ₩W R612 ERDS2TJ332 carbon 3k3n ± 5% ₩W R613 ERDS2TJ331 carbon 330n ± 5% ₩W R614 ERDS2TJ331 carbon 330n ± 5% ₩W R615 ERDS2TJ331 carbon 10kn ± 5% ₩W R616 ERDS2TJ310 carbon 10kn ± 5% ₩W R617 ERDS2TJ225 carbon 10kn ± 5% ₩W R623 ERDS2TJ272 carbon 150kn ± 5% ₩W R624 ERDS2TJ335 carbon 3.3Mn ± 5% ₩W R801 ▲ ERF5ZK4R7 wir ewound 4.7n ± 10% ₩W R802 ERDS1TJ334 carbon 330kn ± 5% ₩W					
R611 ERDS2TJ331 carbon 330 n ± 5%	R609	ERDS2TJ392	carbon	3k9n ± 5%	¼W
R612 ERDS2TJ332 carbon 3k3n ± 5% ₩W R613 ERDS2TJ332 carbon 3k3n ± 5% ₩W R614 ERDS2TJ331 carbon 330n ± 5% ₩W R615 ERDS2TJ331 carbon 330n ± 5% ₩W R616 ERDS2TJ103 carbon 10kn ± 5% ₩W R617 ERDS2TJ154 carbon 1.0kn ± 5% ₩W R623 ERDS2TJ154 carbon 2.2Mn ± 5% ₩W R624 ERDS2TJ272 carbon 2k7n ± 5% ₩W R802 ERDS2TJ335 carbon 3.3Mn ± 5% ₩W R801 Δ ERF5ZK4R7 wirewound 4.7n ±10% 5W R802 ERDS1TJ334 carbon 330kn ± 5% WW R803 ERDS1TJ6R8T caebon 6R8n ± 5% ₩W R804 ERDS1TJ6R8T caebon 6R8n ± 5% ₩W R806 A ERQ12HKR56P fusable 0.56n ± 5% ¼W R807 ERG2ANJ682H					
R614 ERDS2TJ331 carbon 330n ± 5% WW R615 ERDS2TJ331 carbon 330n ± 5% WW R616 ERDS2TJ103 carbon 10kn ± 5% WW R617 ERDS2TJ255 carbon 2.2Mn ± 5% WW R623 ERDS2TJ272 carbon 150kn ± 5% WW R624 ERDS2TJ272 carbon 2k7n ± 5% WW R625 ERDS2TJ335 carbon 3.3Mn ± 5% WW R801 A ERF5ZK4R7 wirewound 4.7n ± 10% 5W R802 ERDS1TJ334 carbon 330kn ± 5% WW R803 ERDS1TJ102 carbon 1kn ± 5% WW R804 ERDS1TJ6R8T caebon 6R8n ± 5% WW R807 ERG1ANJ470H metal oxide 47n ± 5% WW R807 ERG2ANJ682H metal oxide 6k8n ± 5% W	R612	ERDS2TJ332	carbon	3k3∩ ± 5%	¼W
R615 ERDSZTJ331 carbon 330 ± 5%					
R616 ERDS2TJ103 carbon 10kn ± 5% WW R617 ERDS2TJ125 carbon 2.2Mn ± 5% WW R624 ERDS2TJ272 carbon 2k7n ± 5% WW R624 ERDS2TJ272 carbon 3.3Mn ± 5% WW R801 № ERF5ZK4R7 wirewound 4.7n ±10% 5W R802 ERDS1TJ334 carbon 330kn ± 5% WW R803 ERDS1TJ102 carbon 1kn ± 5% WW R804 ERDS1TJ102 carbon 1kn ± 5% WW R805 ERQ12HKR56P fusable 0.56n ± 5% WW R806 № ERQ12HKR56P fusable 0.56n ± 5% WW R808 ERQ2ANJ682H metal oxide 47n ± 5% WW R808 ERQ2ANJ682H metal oxide 6k8n ± 5% 2W R812 ERDS2TJ102 carbon 1kn ± 5% WW R81112 ERDS2TJ103 carbon 150n ± 5% WW R1114 ERDS2TJ103 carbon 10kn ± 5% WW R1115 ERDS2TJ101 carbon 10kn ± 5% WW R1116 ERDS2TJ103 carbon 10kn ± 5% WW R1116 ERDS2TJ103 carbon 10kn ± 5% WW R1118 ERDS2TJ473 carbon 10kn ± 5% WW R1118 ERDS2TJ473 carbon 47kn ± 5% WW R1119 ERDS2TJ473 carbon 47kn ± 5% WW R1119 ERDS2TJ473 carbon 47kn ± 5% WW R1119 ERDS2TJ473 carbon 47kn ± 5% WW R11120 ERG2SJ681P metal oxide 680n ± 5% 2W R1124 ERDS2TJ183 carbon 18kn ± 5% WW R1126 ERDS2TJ183 carbon 18kn ± 5% WW	R615	ERDS2TJ331	carbon	330Ω ± 5%	14W
R623		ERDS2TJ103		10kΩ ± 5%	
R624 ERDS2TJ272 carbon 2k7n ± 5%				150kΩ ± 5%	
R801	R624	ERDS2TJ272	carbon	2k7n ± 5%	
R802				4.7Ω ±10%	
R804 R806 A ERQ12HKR56P fusable 0.56a ± 5%	R802	ERDS1 TJ334	carbon	330kn ± 5%	%W
R806					
R808	R806	▲ ERQ1 2HKR56P	fusable	0.56Ω ± 5%	%₩
R812 ERDS2TJ102 carbon 1kn ± 5% %W R826 ERDS1TJ151 carbon 150n ± 5% %W R1112 ERDS2TJ223 carbon 22kn ± 5% %W R1114 ERDS2TJ103 carbon 10kn ± 5% %W R1115 ERDS2TJ101 carbon 100n ± 5% %W R1116 ERDS2TJ183 carbon 18kn ± 5% %W R1117 ERDS2TJ473 carbon 47kn ± 5% %W R1118 ERDS2TJ473 carbon 47kn ± 5% %W R1120 ERG2SJ681P metal oxide 680n ± 5% 2W R1124 ERDS2TJ183 carbon 18kn ± 5% %W R1126 ERDS2TJ183 carbon 18kn ± 5% %W				6k8Ω ± 5%	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	R812	ERDS2TJ102	carbon	1kΩ ± 5%	¼W
R1114				1500 ± 5% 22ko ± 5%	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	R1114	ERDS2TJ103	carbon	10kn ± 5%	¼₩
R1117 ERDS2TJ473 carbon 47kn ± 5% λW R1118 ERDS2TJ473 carbon 47kn ± 5% λW R1119 ERDS2TJ473 carbon 47kn ± 5% λW R1120 ERG2SJ681P metal oxide 680n ± 5% λW R1124 ERDS2TJ183 carbon 18kn ± 5% λW R1126 ERDS2TJ183 carbon 18kn ± 5% λW				1000 ± 5% 18k0 + 5%	
R1119	R1117	ERDS2TJ473	carbon	47kΩ ± 5%	₩W
R1120 ERG2SJ681P metal oxide 680Ω ± 5% 2W R1124 ERDS2TJ183 carbon 18kΩ ± 5% ¼W R1126 ERDS2TJ183 carbon 18kΩ ± 5% ¼W	R1118				
R1126 ERDS2TJ183 carbon 18kn ± 5% %W	R1120	ERG2SJ681P		680α ± 5%	2W
	R1124				
ENDS/13123 Calibuit 12KH 1 376 74W	R1127	ERDS2TJ123	carbon	12kn ± 5%	4W

Ref No.	Part No.	Description		
R1128	ERDS2TJ472	carbon	4k7Ω ± 5%	¼W
R1130 R1131	ERDS2TJ103 ERDS2TJ103	carbon carbon	10kΩ ± 5% 10kΩ ± 5%	14W 14W
R1133	ERDS2TJ103	carbon	10kΩ ± 5%	14W
R1134 R1135	ERDS2TJ223 ERDS2TJ123	carbon	22kΩ ± 5% 12kΩ ± 5%	¼₩ 14\1
R1136	ERDS2TJ123	carbon carbon	12kΩ ± 5% 12kΩ ± 5%	¼₩ %₩
R1137	ERDS2TJ563	carbon	56kΩ ± 5%	¼₩
R1138 R1139	ERDS2TJ563 ERDS2TJ103	carbon carbon	56kΩ ± 5% 10kΩ ± 5%	¼₩ ¼₩
R1141	ERDS2TJ123	carbon	12kΩ ± 5%	%W
R1143	ERDS2TJ153 ERD25TJ101	carbon carbon	15kΩ ± 5% 100Ω ± 5%	¼ ₩ ¼ ₩
R1145	ERD25TJ101	carbon	100n ± 5%	74 W
R1146	∆ ERQ14AJ100P	fusable	10Ω ± 5%	٧W
R1147 R1148	ERDS2TJ123 ERDS2TJ123	carbon carbon	12kn ± 5% 12kn ± 5%	14W 14W
R1149	ERDS2TJ223	carbon	22kα ± 5%	14W
R1150 R1152	ERDS2TJ103 ERDS2TJ102	carbon carbon	10kΩ ± 5% 1kΩ ± 5%	14W 14W
R1153	ERDS2TJ102	carbon	1kΩ ± 5%	¼W
R1154 R1155	ERDS2TJ102 ERDS2TJ102	carbon	1kΩ ± 5% 1kΩ ± 5%	¼₩ // \
R1156	ERDS2TJ102	carbon carbon	1kΩ ± 5% 1kΩ ± 5%	%W %W
R1157	ERDS2TJ102	carbon	1kΩ ± 5%	¼₩
R1158 R1159	ERDS2TJ102 ERDS2TJ102	carbon carbon	1ka ± 5% 1ka ± 5%	¼₩ %₩
R1160	ERDS2TJ102	carbon	1kΩ ± 5%	¼₩
R1161 R1162	ERDS2TJ102 ERD25TJ472	carbon	1kΩ ± 5% 4k7Ω ± 5%	%W %W
R1165	ERDS2TJ102	carbon carbon	4k7α ± 5% 1kα ± 5%	74 W
R1166	ERDS2TJ681	carbon	680a ± 5%	¼W
R1167 R1168	ERDS2TJ102 ERDS2TJ822	carbon carbon	1kn ± 5% 8k2n ± 5%	¼₩ ¼₩
R1169	ERDS2TJ333	carbon	$33k\Omega \pm 5\%$	¼W
R1170 R1171	ERDS2TJ223 ERDS2TJ223	carbon carbon	22kn ± 5% 22kn ± 5%	1/4 W 1/4 W
R1172	ERDS2TJ223	carbon	2k2n ± 5%	14W
R1173	ERDS2TJ822	carbon	8k2Ω ± 5% 27kΩ ± 5%	¼ ₩
R1174 R1175	ERDS2TJ273 ERDS2TJ103	carbon carbon	27ka ± 5% 10ka ± 5%	14W 14W
R1176	ERDS2TJ103	carbon	10kΩ ± 5%	¼W
R1177 R1178	ERDS2TJ103 ERDS2TJ123	carbon carbon	10kΩ ± 5% 12kΩ ± 5%	1/4W 1/4W
R1179	EVND4AA00B23	control	2k ΩB	
R1180 R1181	ERDS2TJ823 ERDS2TJ102	carbon carbon	82kΩ ± 5% 1kΩ ± 5%	14W 14W
R1184	ERDS2TJ102	carbon	1kΩ ± 5%	14 W
R1187	ERDS2TJ474	carbon	470kΩ ± 5%	14W
	CA	PACITORS	3	
C1 1	ECEA1 CU1 00B	electrolytic	10 µF	16v
C1 2 C1 3	ECKR1 H1 03ZF5 ECKR1 H1 03ZF5	ceramic ceramic	10 nF 10 nF	50∨ 50∨
C1 4	ECEA1 CU1 00B	electrolytic	10 μF	16v
C1 5	ECEA1 HU4R7B ECEA1 HUR22B	electrolytic electrolytic	4.7 μF 0.22 μF	50∨ 50∨
C1 7	ECKW1 H1 03ZF5	ceramic	10 nF	50 v
C1 9 C20	ECKR1 H1 03ZF5 ECEA1 CU1 00B	ceramic electrolytic	10 nF 10 µF	50 v 1 6 v
C21	ECEAT CUT 00B	electrolytic	10 μF	16v
C24	ECEA50ZR47B	electrolytic	0.47 µF	50 v
C1 01 C1 02	ECKR1H103ZF5 ECKR1H103ZF5	ceramic ceramic	10 nF 10 nF	50∨ 50∨
C1 03	ECKR1H103ZF5	ceramic	10 nF	50 v
C1 04 C1 05	ECQV1 H224 J Z3 ECQV1 H1 04 J Z3	plastic film plastic film	220 nF 100 nF	50∨ 50∨
C1 06	ECEA1 CU470B	electrolytic	47 µF	16v
C1 07 C1 08	ECCR1 H270 J5 ECKR1 H1 03 ZF5	ceramic ceramic	27 pF 10 nF	50 v 50 v
C1 09	ECEA1 CU330B	electrolytic	33 µF	16v
C110	ECKR1 H1 03ZF5	ceramic	10 nF	50 v
C111 C112	ECKR1 H1 03ZF5 ECEA1 CN330SB	ceramic electrolytic	10 nF 33 µF	50 v 16 v
C113	ECKR1H103ZF5	ceramic	10 nF	50 v
C114	ECQV1 H1 04 J Z 3 ECCR1 H560 J P 5	plastic film ceramic	100 nF 56 pF	50 v 50 v
C117	ECCR1H220JP5	ceramic	22 pF	50 v
C1 1 9 C1 20	ECE A1 CU331 B ECKR1 H561 KB5	electrolytic ceramic	330 μF 560 pF	16v 50v
C203	ECQM1 H222KV3	plastic film	2.2 nF	50 v
C204 C205	ECKR1 H1 03ZF5 ECQM1 H562KV3	ceramic plastic film	10 nF 5.6 nF	50 v 50 v
C206	ECKR1H103ZF5	ceramic	10 nF	50 v
C207 C208	ECCR1 H820 JP ECKR1 H1 03ZF5	ceramic	82 pF 10 nF	50 v 50 v
C209	ECCR1H030CC	ceramic ceramic	10 nF 3 pF	50 v
C210 C211	ECCR1H470JP5	ceramic	47 pF	50 v
C251	ECEA1 CU1 00B ECEA1 CGE1 01 B	electrolytic electrolytic	10 μF 100 μF	16v 16v

CEGAIVEGAPNB electrolytic 2.7 μF 3.255	Ref No.	Part No. D	escription		
Second S	C252	ECEA1HN010SB	electrolytic	1 µF	50 v
255	C253				35 v
Second S					50 v
225 ECCAI VUATIE electrolytic 470 μF 2258 ECCAI HEGE102E electrolytic 1000 μF 3302 ECCAI CM1005B electrolytic 1000 μF 3302 ECCAI CM1005B electrolytic 120 μF 3308 ECCAI CM1032F5 Ceramic 120 μF 3308 ECCAI HUAR7B electrolytic 22 μF 3308 ECCAI HUAR7B electrolytic 22 μF 3309 ECCAI HUAR7B electrolytic 3300 μF 3310 ECCAI HUAR7B electrolytic 11 μF 3311 ECCAI HUAR7B electrolytic 10 μF 3312 ECCAI HUAR7B electrolytic 10 μF 3313 ECCAI HUAR7B ECCAI HUAR7B electrolytic 10 μF 3314 ECCAI HUAR7B electrolytic 10 μF 3355 ECCAI HEB1055 Ceramic 560 μF 5353 ECCAI HEB1055 Ceramic 560 μF 5353 ECCAI HUAR7B electrolytic 1 μF 23373 ECCAI HUAR7B electrolytic 1 μF 23373 ECCAI HUAR7B electrolytic 1 μF 23373 ECCAI HUAR7B electrolytic 1 μF 23454 ECCAI HUAR7B electrolytic 1 μF 2455 ECCAI HUAR7B electrolytic 1 μF 2550 ECCAI HUAR7B electrolytic 4.7 μF 4					16v 50v
258	C257				35 v
SECRAL CELOSE electrolytic 1000 µF 302 ECEAL CNUSOSB electrolytic 10 µF 3030 ECEAL CNUSOSB electrolytic 22 µF 3030 ECKRI HU3ZF5 ceramic 220 µF 3031 ECKRI HU3ZF5 ceramic 300 µF 3035 ECKRI HU3ZF5 ceramic 560 µF 3035 ECKRI HU3ZF5 ceramic 560 µF 3035 ECKRI HU3ZF5 ceramic 560 µF 3035 ECKRI HU3ZF5 ceramic 1.5 µF 3035 ECKRI HU3ZF5 ceramic 1.5 µF 3035 ECKRI HU3ZF5 ceramic 1.5 µF 3037 ECKRI HU3ZF5 ceramic 1.5 µF 3037 ECKRI HU3ZF5 ceramic 300 µF 3037 ECKRI HU3ZF5 ceramic 47 µF 2040 ECEAL HU3ZF5 ceramic 400 µF 2040 ECEAL HU3ZF5 ceramic	C258				50 v
Sec	C259				25 v
Second	C302				16v
SOON	C304				16v
ECKR H21 KB5					50 v 50 v
CKR H331 KB5	C309				50 v
STATE SCEALCH STATE SCEAL SC	C310				50 v
CKR1H1032F5 Ceramic 220 pF	C311	ECEA1 HN01 0SB			50 v
CKRIHS01KB5	C31 2		electrolytic		16v
SCAN	C313		and the second s		50 v
CKR1H681KB5					50 v
CKR1 H681 KB5					50 v 50 v
Second	C353				50 v
STATE STAT	C355				2k v
Second	C356	ECKR2H1 51 KB2	ceramic		500 v
Second S	C358				50 v
ECKRI H331KBS					250 v
ECCRIHA70JS	_				16v
CA01					50 v 50 v
CA02 CCEAIHMO10SB electrolytic 1 μF CA03 CCEAIHMO10SB electrolytic 1 μF CA04 CCEAIHMO10SB electrolytic 1 μF CA05 CCEAIHMO10SB electrolytic 4.7 μF CA51 CCMM H473KV3 plastic film 100 nF CA55 CCMM H473KV3 plastic film 100 nF CA55 CCMM H423KV3 plastic film 22 nF CA55 CCMM H223KV3 plastic film 100 nF CA55 CCMM H223KV3 plastic film 100 nF CA55 CCMM H223KV3 plastic film 10 nF CA56 CCMM H3330B electrolytic 4.7 μF CA56 CCMM H3330B electrolytic 4.7 μF CA56 CCMM H338V3 plastic film 100 nF CA56 CCMM H362KV3 plastic film 100	C401				50 v
CA03	C402			1 μF	50 v
ASSI	C403		electrolýtic		50 v
ASS	C404				50 v
CASS CCQVIH104JZ3 Plastic film 100 nF	C451				500∨ 50∨
CASS					50 v
CASS ECCMI H223KV3 Plastic film 22 nF					35 v
CAST	C455				50 v
CASS ECQM1104JV3 plastic film 10 nF	C457				35 v
C461	C458				50 v
C462	C459				
ECQVI H104JZ3					35 v
ECEAI CU470B electrolytic 1 µF 5504 ECCMH H103KV3 plastic film 10 nF 5506 ECCMH H333KV3 plastic film 33 nF 5507 ECEAI HU4R7B electrolytic 4.7 µF 5508 ECKR1 H391KB5 ceramic 390 pF 5510 ECCMH H562KV3 plastic film 5.6 nF 5511 ECQV1 H104JZ3 plastic film 100 nF 5512 ECEAI CU470B electrolytic 47 µF 5513 ECCMH H103KV3 plastic film 100 nF 5515 ECEAI JU100B electrolytic 47 µF 5516 ECKR1 H102KB5 ceramic 1 nF 5517 ECEAI CU470B electrolytic 10 µF 5518 ECKR2H101KB2 ceramic 100 pF 5519 ECEAI CU470B electrolytic 47 µF 5519 ECEAI CU470B electrolytic 47 µF 5519 ECEAI CU470B electrolytic 47 µF 5520 ECEAI CU470B electrolytic 47 µF 5521 ECCMH H222KV3 plastic film 2.2 nF 5522 ECCMH H223KV3 plastic film 2.2 nF 5523 ECCMH H223KV3 plastic film 2.2 nF 5524 ECCMH H223KV3 plastic film 2.2 nF 5525 ECCAI CU470B electrolytic 33 nF 5524 ECCMH H223KV3 plastic film 2.2 nF 5531 ECKW2H332KB8 ceramic 3.3 nF 5524 ECCMH H223KV3 plastic film 2.2 nF 5532 ECCMH H223KV3 plastic film 2.2 nF 5533 ECKW2H332KB8 ceramic 3.3 nF 554 ECEAI CU470B electrolytic 2.2 µF 555 ECCAI CU470B electrolytic 10 µF 556 A ECKW2D152JBN ceramic 2.70 nF 557 ECEAI CU470B electrolytic 1.5 nF 558 ECCAI CU470B electrolytic 1.5 nF 559 ECCAI CU470B electrolytic 1.5 nF 560 A ECKW3D152JBN ceramic 2.70 nF 560 A ECKW3D152JBN ceramic 2.70 nF 560 A ECKM3D152JBN ceramic 470 pF 560 A ECKM3D152JBN ceramic 1.5 nF 560 A ECKM3D152JBN ceramic 2.70 nF 560 ECEAI HU100B electrolytic 10 µF 560 A ECKM3D152JBN ceramic 1.0 nF 560 ECCAI HU103F5 ceramic 1.0 nF 560 A ECKR1H103ZF5 ceramic 1.0 nF 560 ECCAI HU22B electrolytic 0.22 µF 560 ECCAI HU32F5 ceramic 1.0 nF					6.3V 50v
ECEA1 HU010B					16v
ECQMIHIO3KV3 Plastic film 10 nF 15 nF	C503				50 v
ECEA1 HU4R7B	C504	ECQM1 H1 03KV3		10 nF	50 v
ECKR1H391KB5 Ceramic 390 pF 1509 ECEA1HU010B electrolytic 1 μF 1511 ECQM1H562KV3 plastic film 100 nF 1511 ECQV1H104JZ3 plastic film 100 nF 1512 ECEA1CU470B electrolytic 47 μF 1513 ECQM1H103KV3 plastic film 10 nF 1513 ECQM1H103KV3 plastic film 10 nF 1515 ECEA1JU100B electrolytic 10 μF 1516 ECKR1H102KB5 ceramic 1 nF 1518 ECKR2H101KB2 ceramic 1 nF 1518 ECKR2H101KB2 ceramic 1 nF 1519 ECEA1HU100B electrolytic 47 μF 1518 ECKR2H101KB2 ceramic 1 nF 1519 ECEA1HU100B electrolytic 47 μF 1518 ECKR2H101KB2 ceramic 1 nF 1519 ECEA1HU100B electrolytic 47 μF 1519 ECEA1HU100B electrolytic 47 μF 1518 ECKR2H101KB2 ceramic 1 nF 1518 ECKW2H332KV3 plastic film 2.2 nF 1519 ECEA1HU100B electrolytic 47 μF 1518 ECKW2H332KV3 plastic film 2.2 nF	C506				50 v
ECRAINUOIOB ELECTROLYTIC 1 µF ECAMINESCRV3 plastic film 5.6 nF ECAMINESCRV3 plastic film 100 pF ECAMINESCRV3 plastic film 2.2 nF ECAMINESCRV3 plastic film 3.3 nF ECKW2H332KB8 ceramic 3.0 nF ECEACESTRUE electrolytic 10 µF ECEACESTRUE electrolytic 10 µF ECEACESTRUE electrolytic 10 µF ECEACESTRUE electrolytic 10 µF ECEACETIODB ECKR1H103EF ECEACEMIC 10 nF ECEATHUIOOB Electrolytic 10 µF ECEATH	C507				50 v
ECM1 H562KV3 plastic film 5.6 nF 5511 ECQV1H104JZ3 plastic film 100 nF 5.512 ECEA1CU470B electrolytic 47 µF 5.513 ECQM1H103KV3 plastic film 10 nF 5.515 ECEA1U100B electrolytic 10 µF 5.516 ECKR1H102KB5 ceramic 1 nF 5.517 ECEA1CU470B electrolytic 47 µF 5.518 ECKR2H101KB2 ceramic 100 pF 5.519 ECEA1U100B electrolytic 47 µF 5.519 ECEA1U470B electrolytic 47 µF 5.520 ECEA1U4270B electrolytic 47 µF 5.521 ECQM1H682KV3 plastic film 2.2 nF 5.521 ECQM1H682KV3 plastic film 2.2 nF 5.522 ECQM1H682KV3 plastic film 2.2 nF 5.523 ECQM1H682KV3 plastic film 2.2 nF 5.531 ECKW2H332KB8 ceramic 3.3 nF 5.0 5.31 ECKW2H332KB8 ceramic 3.3 nF 5.0 5.32 ECGM2H222KB2 ceramic 3.3 nF 5.0 5.32 ECGM2H222KB2 ceramic 3.3 nF 5.0 5.33 ECKW2H332KB8 ceramic 2.20 pF 5.0 5.54 ECEA2CSR2E electrolytic 1.5 nF 5.554 ECEA2CSR2E electrolytic 1.5 nF 5.5556 A ECKW3D152JBN ceramic 1.5 nF 5.0 5.556 A ECKW3D152JBN ceramic 1.5 nF 5.0 5.0 5.0 ECKR1H103ZF5 ceramic 1.5 nF 5.0 5.0 ECKR1H103ZF5 ceramic 1.					50 v 50 v
ECQVI H104JZ3					50 v
ECQM1H103KV3 Plastic film 10 nF	C511				50 v
ECEA1 JU100B electrolytic 10 µF 5516 ECKR1H102KB5 ceramic 1 nF 5517 ECEA1CU470B electrolytic 47 µF 5518 ECKR2H101KB2 ceramic 100 pF 5619 ECEA1CU470B electrolytic 10 µF 5520 ECEA1CU470B electrolytic 47 µF 10521 ECQM1H222KV3 plastic film 2.2 nF 5521 ECQM1H682KV3 plastic film 2.2 nF 5522 ECQM1H682KV3 plastic film 2.2 nF 5523 ECCM1H223KV3 plastic film 2.2 nF 5531 ECKW2H332KB8 ceramic 3.3 nF 5631 ECKW2H332KB8 ceramic 3.3 nF 5632 ECKW2H332KB8 ceramic 3.3 nF 56532 ECKW2H332KB8 ceramic 3.3 nF 56552 ECGF2H2394JSA polypropylene 390 nF 56554 ECEA2CSR2E electrolytic 2.2 µF 56555 ECEA2CSR2E electrolytic 10 µF 56556	C512	ECEA1 CU470B			16v
Since CKR1HIO2KB5 Ceramic 1	C513				50 v
ECEA1 CU470B	C515	COLM, 00.00		: F 1	50 v
STIB ECKR2HIO1KB2 Ceramic 100 pF 50					50 v 1 6 v
ECEAHUIOOB electrolytic 10 μF 5520 ECEAHUIOOB electrolytic 47 μF 15521 ECQMIH222KV3 plastic film 2.2 nF 5522 ECQMIH682KV3 plastic film 6.8 nF 5523 ECQMIH682KV3 plastic film 22 nF 5524 ECQMIH682KV3 plastic film 22 nF 5531 ECKW2H332KB8 ceramic 3.3 nF 50 531 ECKW2H332KB8 ceramic 3.3 nF 50 552 ECQF2H394JSA polypropylene 390 nF 50 552 ECGR2H222KB2 ceramic 2200 pF 50 554 ECEA2CSR2E electrolytic 2.2 μF 16 555 ECEA2CSR2E electrolytic 10 μF 25 556 Δ ECKW3D152JBN ceramic 1.5 nF 25 25 25 25 25 25 25 2					500v
ECA CU470B electrolytic 47	C519				50 v
ECAMP ECK EC	C520				16v
Second	0521				50 v
S24 ECQM1H682KV3 plastic film 6.8 nF 531 ECKW2H332KB8 ceramic 3.3 nF 50	0522				50 v 50 v
S31 ECKW2H332KB8 ceramic 3.3 nF 50					50 v
S32 ECKW2H332KB8 ceramic 3.3 nF 50	2524 2531				500 v
Section	532				500v
S54 ECEA2CS2R2E electrolytic 2.2 μF 16555 ECEA2ES100E electrolytic 10 μF 25556 Δ ECKW3D152JBN ceramic 1.5 nF 225560 Δ ECKD3D271JBN ceramic 270 nF 25662 ECEA1HU100B electrolytic 10 μF 5563 ECKR2H471KB2 ceramic 470 μF 5565 Δ ECKW3D471JBN ceramic 470 μF 5565 Δ ECKW3D471JBN ceramic 470 μF 5566 ECKR1H103ZF5 ceramic 10 nF 5566 ECKR1H103ZF5 ceramic 10 nF 55601 ECKR1H103ZF5 ceramic 10 nF 55602 ECKR1H103ZF5 ceramic 10 nF 55603 ECKR1H103ZF5 ceramic 120 μF 55604 ECKR1H103ZF5 ceramic 120 μF 55605 ECKR1H103ZF5 ceramic 120 μF 55606 ECKR1H103ZF5 ceramic 10 nF 55607 CKR1H103ZF5 ceramic 10 nF 55607 CKR1H103ZF5 CKR1H103ZF5 CKR1H103ZF5 CKR	2552				500v
Section	553				500v
Signature Sig					160 v 250 v
S58 ECWH12H822JS plastic film 8.2 nF 50					2kv
Δ ECKD3D271 JBN ceramic 270 nF 2562 ECEA1 HU100B electrolytic 10 μF 5563 ECKR2H471 KB2 ceramic 470 pF 5064 EČĒA1 HU100B electrolytic 10 μF 5565 Δ ECKW3D471 JBN ceramic 470 pF 2666 ECKR1H103ZF5 ceramic 10 nF 5660 ECKR1H103ZF5 ceramic 10 nF 5602 ECCR1H121 J5 ceramic 120 pF 5603 ECKR1H103ZF5 ceramic 120 pF 5604 ECEA1 HUR22B electrolytic 0.22 μF 5606 ECKR1H103ZF5 ceramic 10 nF 5606 ECEA1 HUR22B electrolytic 0.22 μF 5606 ECEA1 HUR22B electrolytic 0.22 μF 5607 ECKR1H103ZF5 ceramic 10 nF 5609 ECEA1 HU010B electrolytic 1 μF 5610 ECKR1H103ZF5 ceramic 10 nF	558				500 v
S62 ECEA1HU100B electrolytic 10 μF 50	560	▲ ECKD3D271JBN	ceramic	270 nF	2kv
Section Sec	562				50 v
Δ ECKW3D471JBN ceramic 470 pF 25	563				500v
Second					50∨ 2k∨
601 ECKR1H103ZF5 ceramic 10 nF 5602 ECCR1H121J5 ceramic 120 pF 5603 ECKR1H103ZF5 ceramic 10 nF 5604 ECEA1HUR22B electrolytic 0.22 µF 5605 ECKR1H103ZF5 ceramic 10 nF 5606 ECEA1HUR22B electrolytic 0.22 µF 5607 ECKR1H103ZF5 ceramic 10 nF 5609 ECEA1HU010B electrolytic 1 µF 5610 ECKR1H103ZF5 ceramic 10 nF 5610 ECKR1H103ZF5 ceramic 10 nF 5610	C566				50 v
602 ECCR1H121J5 ceramic 120 pF 5603 ECKR1H103ZF5 ceramic 10 nF 5604 ECEA1HUR22B electrolytic 0.22 μF 5605 ECKR1H103ZF5 ceramic 10 nF 5606 ECEA1HUR22B electrolytic 0.22 μF 5607 ECKR1H103ZF5 ceramic 10 nF 5609 ECEA1HU010B electrolytic 1 μF 5610 ECKR1H103ZF5 ceramic 10 nF 5610	2601				50 v
604 ECEAIHUR22B electrolytic 0.22 μF 5605 ECKR1H103ZF5 ceramic 10 nF 5606 ECEAIHUR22B electrolytic 0.22 μF 5607 ECKR1H103ZF5 ceramic 10 nF 5610 ECKR1H103ZF5 ceramic 10 nF 5610 ECKR1H103ZF5 ceramic 10 nF 5610	0602	ECCR1 H1 21 J5	ceramic		50 v
605 ECKR1H103ZF5 ceramic 10 nF 5 606 ECEA1HUR22B electrolytic 0.22 μF 5 607 ECKR1H103ZF5 ceramic 10 nF 5 609 ECEA1HU010B electrolytic 1 μF 5 610 ECKR1H103ZF5 ceramic 10 nF 5	2603				50 v
606 ECEA1HUR22B electrolytic 0.22 µF 5 607 ECKR1H103ZF5 ceramic 10 nF 5 609 ECEA1HU010B electrolytic 1 µF 5 610 ECKR1H103ZF5 ceramic 10 nF 5	2604				50 v
607 ECKR1H103ZF5 ceramic 10 nF 5 609 ECEA1HU010B electrolytic 1 μF 5 610 ECKR1H103ZF5 ceramic 10 nF 5	2605 2606				50 v
609 ECEATHU010B electrolytic 1 µF 5 610 ECKR1H103ZF5 ceramic 10 nF 5					50∨ 50∨
610 ECKR1H103ZF5 ceramic 10 nF 5	2609			_	50 v
	2610				50 v
	2611	ECKR1 H1 03ZF5	ceramic	10 nF	50 v
	2612				50 v
	2613 2614				50∨ 50∨

Ref No.	Part No. [Description		
C616 C617 C618 C619 C8019 C8019 C8019 C8010 C802 C803 C804 C805 C806 C807 C808 C809 C810 C811 C814 C816 C817 C818 C819 C820 C821 C822 C823 C11111 C1113 C1114 C1114 C1115 C1125 C1126 C1127 C1128 C1130 C1131 C1131 C1131 C1131 C1141 C1144 C1155 C1156 C1157 C1158 C1156 C1157 C1158 C1156 C1157 C1168	ECKR1 H1 03ZF5 ECKR1 H1 02KB5 ECKW2H472PUB ECKW2H472PUB ECKW2H472PUB ECKW2H472PUB ECKW2H472PUB ECKW3D1471 KBN ECEAS GUI 01 G ECKW3D152KBN ECEAS GUI 01 G ECKR1 H1 03ZF5 ECKR1 H1 01 J5 ECCR1 H1 01 J5 ECKR1 H471 KB5	ceramic	10 0 10 0 10 0 10 0 10 0 10 0 10 0 10	50vv50vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv
C1 1 69	ECKR1 H1 03ZF5	ceramic COILS	10 nF	50 v
LC1121 LC1122 LC1123 LC601 L12 L13 L14 L15 L103 L104 L105 L107 L108 L109 L110 L201 L201 L203 L204 L301 L502 L601 L602	TACZJS27104M TACZJS27104M TACZJS27104M TLK153159E TLT330K991R TLT082L991R TLT082L991R TLT022L991R TLT047L991R EIV7EN047B EIV7EN047B EIV7EN04991R TLT100K991R TLT100K991R TLT1047K991R TLT470K991R TLT470K991R TLT470K991R TLT542K991R TLT542K991R TLT542K991R TLT542K991R TLT542K991R TLT542K991R TLT542K991R TLT542K991R	coil coil peaking coil coil peaking coil coil peaking coil coil video IF tran video IF tran coil coil peaking coil peaking coil peaking coil coil sound IF tran coil coil coil	sformer	

Ref No.	Part No.	Description
L603 L801 L802 L803 L804 L806 L1125 L1135 L1137 L1140	EIK7EN010B ELF18D427F TSC925-4 TSC925-4 TSC925-4 TSC925-4 ELEXT100KA TLT100K991R ELEXT100K991R	coil line filter bead choke bead choke bead choke bead choke coil coil coil
	TRA	NSFORMERS
T531 T551 T801	TLH15458E Δ TLF14754F ETS29K304A	transformer transformer transformer
		DIODES
D101 D102 D103 D301 D302 D303 D304 D306 D307 D308 D351 D352 D353 D354 D372 D373 D451 D453 D501 D504 D505 D506 D551 D552 D553 D556 D802 D803 D804 D805 D806 D807 D810 D821 D822 D823 D824 D1112 D1123 D1126	MA165TA5 MA165TA5 MA165TA5 MA165TA5 MA165TA5 MA165TA5 MA165TA5 MA166TA5 MA4120TA MA4120TA MA4120TA MA4120TA MA4120TA MA4120TA MA4120TA MA4165TA5 MA165TA5 ERA22-04V3	diode
D1 1 25 D1 1 26	MA1 65 TA5 MA1 65 TA5	diode diode

Ref No.	Part No.	Description
D1131 D1133 D1135 D1141 D1142 D1149 D1150 D1151	MA1 65 TA5 MA1 65 TA5	diode diode diode diode diode diode diode diode diode
TRANSISTORS		
Q101 Q102 Q103 Q302 Q303 Q304 Q351 Q355 Q358 Q355 Q358 Q372 Q373 Q374 Q451 Q452 Q505 Q506 Q505 Q506 Q531 Q804 Q1121 Q1122 Q1123 Q1124 Q1129 Q1130 Q1135	2SA564ATA 2SC2636 UN4211TA 2SA564ATA 2SC2636T 2SC2636T 2SC1473A 2SC1473A 2SC1473A 2SC1685TA 2SA564ATA 2SC1685TA 2SC1685TA UN4211TA 2SC1685TA	P.N.P. transistor N.P.N. transistor P.N.P. transistor N.P.N. transistor P.N.P. transistor N.P.N. transistor transistor transistor transistor transistor transistor transistor transistor
l.C's		
IC101 IC1101 IC1102 IC1103 IC1104 IC251 IC451 IC801 IC802 IC803	M51407SP MN15142TEB MN1520T AN5071 MN1280R AN5265 AN5521 STR50103A-M L78M12-M-RB L78M09-M-RB	I.C. I.C. I.C. I.C. I.C. audio I.C. vertical output I.C. I.C. I.C. I.C.
TC1480EUA DIFFERENCE LIST		
22)	TBM8E1012 TPC8E4115	back cover label outer carton